

Application Serial No.: 09/808,387  
Filing Date: 14 March 2001

### **AMENDMENT TO THE SPECIFICATION**

Please replace the paragraph beginning at page 3, line 27, with the following rewritten paragraph:

--Figure 1 shows (A) the amino acid sequences of neu1 proteins in mouse, rat, Drosophila and human, and (B) the primary structure of neu1 protein isoforms in mouse and rat.--

Please replace the paragraph beginning at page 3, line 28, with the following rewritten paragraph:

--Figure 2 is an analysis of *neu1* mRNA expression by RNase protection assay in mouse (A) and rat (B).--

Please replace the paragraph beginning at page 4, line 1, with the following rewritten paragraph:

--Figure 4 A-H shows ~~[[is]]~~ an in situ hybridization analysis of *neu1* mRNA expression in adult rat brain. See Example 2.--

Please replace the paragraph beginning at page 4, line 3, with the following rewritten paragraph:

--Figure 5 A-H shows an in situ hybridization analysis of neu1 mRNA expression ~~expression of neu1 mRNA~~ in ~~[[an]]~~ the adult rat nervous system. See Example 2.--

Please replace the paragraph beginning at page 4, line 4, with the following rewritten paragraph:

--Figure 6 A-L shows an in situ hybridization analysis of the cellular localization of neu1 mRNA in ~~[[an]]~~ the adult rat nervous system. See Example 2.--

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Please replace the paragraph beginning at page 4, line 6, with the following rewritten paragraph:

--Figure 7 A-F shows the combined analyses of in situ hybridization of *neu1* mRNA and immunohistochemistry of the neuronal marker neuN in adult rat brain.  
See Example 2. --

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